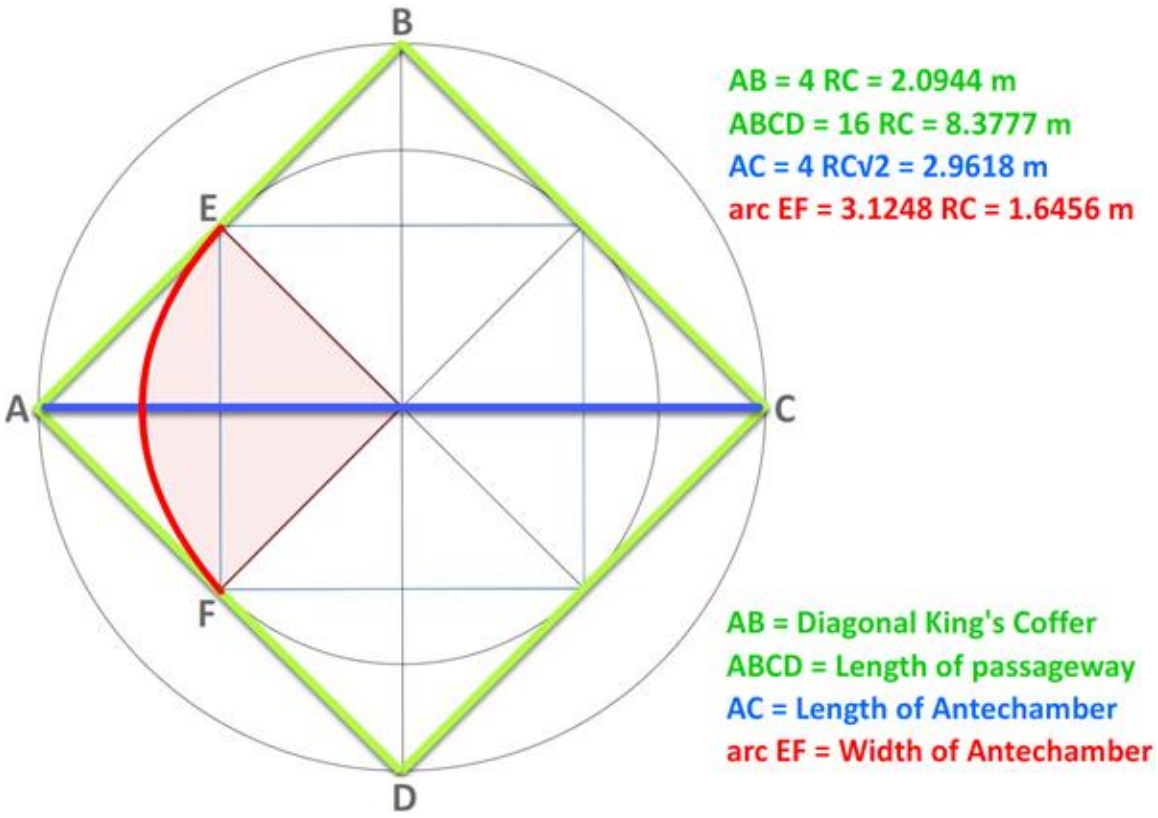



# The Circle-Square Template and the King's Chamber Complex

ADDENDUM FOR COSMOLOGY OF THE GREAT PYRAMID PART 2

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Using Petrie's measurements and applying them to the Circle-Square Template I proposed in my Part 1 and Part 2 papers, I am continuing to extend this approach to other structures within the Great Pyramid (besides the exterior and the King's Chamber itself), yielding outstanding results. This paper is a short addendum designed to help readers of my work continue their own research.

On page 76 of Petrie's work, he gives the length of the narrow passageway from the center of the pyramid to the north wall of the King's Chamber as 330.6 inches, ±0.9 inches, meaning the length ranges between 329.7 and 331.5 inches. For this study, I have selected 329.83 inches (8.3777 meters) because this equals exactly 16 Royal Cubits, with 0.523606 meters per cubit (16 × 0.523606 = 8.3777 meters).

Along this passageway is the Antechamber, a small room that likely served as a security portal to the King's Chamber. On page 76, Petrie gives the length of the Antechamber (above the granite wainscot) as varying from 114.07 to 117.00 inches, and the width as 64.48 to 65.48 inches. For this study, I've chosen a length of 116.60 inches (2.9616 meters) and a width of 64.78 inches (1.6456 meters).

As we will see, the dimensions of 8.3777 meters, 2.9616 meters, and 1.6456 meters are intricately connected through the Circle-Square Template we've been discussing.

First, what became immediately apparent was that if I create a square (in green) with a perimeter of 8.3777 meters, matching the length of the passageway, then each side of the square would be 4 Royal Cubits, or 2.0944 meters. The diagonal of this square (in blue), measuring 2.9616 meters (4 RC√2), would precisely match the length of the Antechamber. Additionally, the quarter circumference (arc) of the square's inscribed circle (in red) would measure 1.6456 meters (4 RC/1.2727), exactly matching the width of the Antechamber, as shown in Figure 1.

This clear geometric relationship further strengthens the connection between the internal design of the pyramid and the circle/square framework.

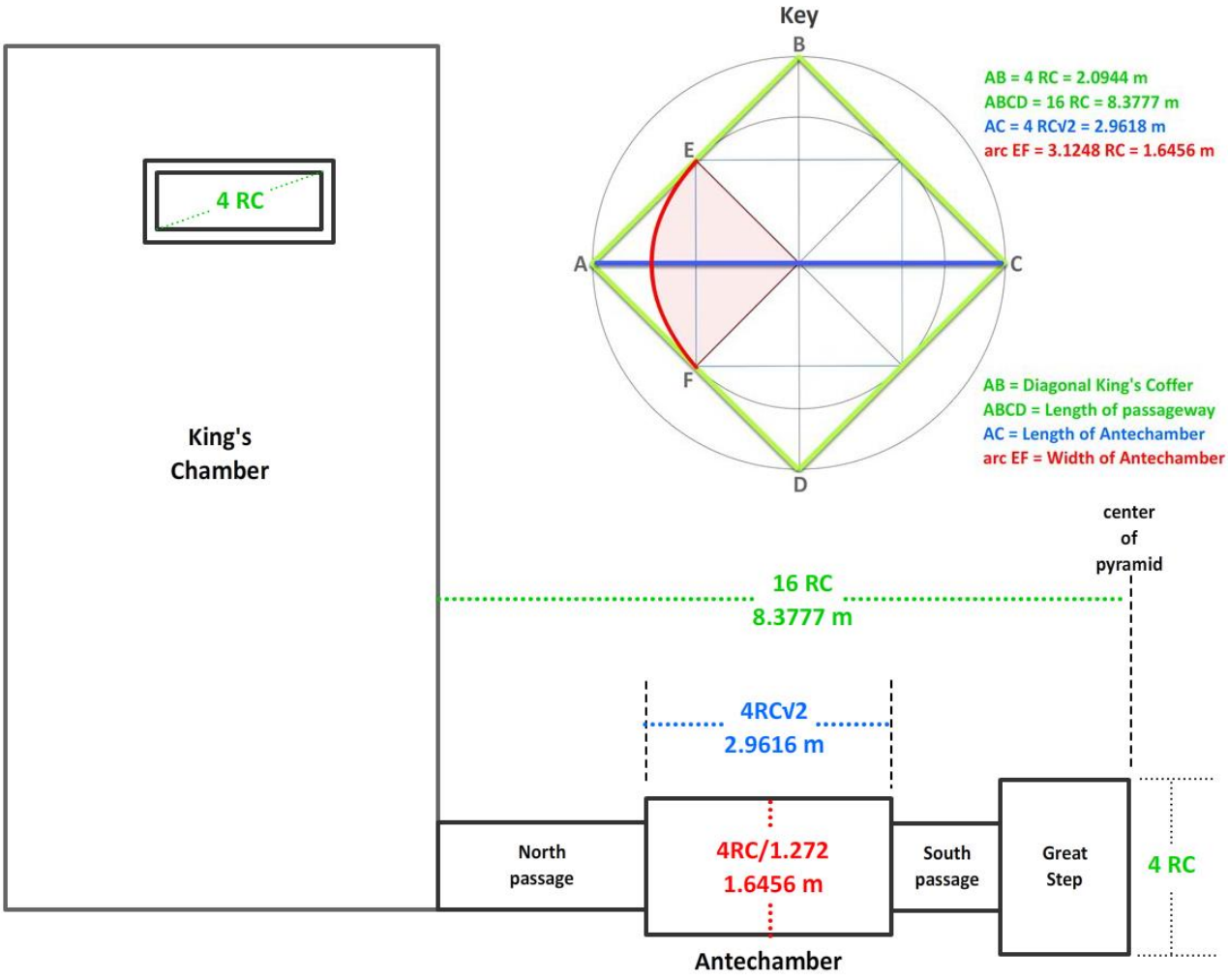

Key
B
E
A
C
F
D
AB = 4 RC = 2.0944 m
ABCD = 16 RC = 8.3777 m
AC = 4 RC√2 = 2.9618 m
arc EF = 3.1248 RC = 1.6456 m
AB = Diagonal King's Coffer
ABCD = Length of passageway
AC = Length of Antechamber
arc EF = Width of Antechamber
4 RC
King's
Chamber
center
of
pyramid
16 RC
8.3777 m
4RC√2
2.9616 m
North
passage
4RC/1.272
1.6456 m
South
passage
Great
Step
4 RC
Antechamber

*Figure 1*